

Diphenylamine  
122-39-4 | DTXSID4021975

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 1060 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 6.31e-01

**Confidence level:** 7.62e-01

## Nearest Neighbors from the Training Set

Image not found

Diphenylamine

**Measured:** 603

**Predicted:** 1060

Image not found

Diphenyl oxide

**Measured:** 1950

**Predicted:** 1170

Image not found

Azoxybenzene

**Measured:** 3160

**Predicted:** 2070

Image not found

Azobenzene

**Measured:** 2000

**Predicted:** 1710

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1,2-Diphenylhydrazine

**Measured:** 955

**Predicted:** 1340